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Form PTO 948 (Rev. 03/01)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Application No. 9/719,336

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 3/21/01 and:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

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| <p>1. DRAWINGS. 37 CFR 1.84(a). Acceptable categories of drawings: Black ink. Color Color drawings are not acceptable until petition is granted. Fig(s) _____ Pencil and non black ink not permitted. Fig(s) _____ 2. PHOTOGRAPHS. 37 CFR 1.84(b) A full-size set is required. Fig(s) _____ Photographs may not be mounted. 37 CFR 1.84(c) Poor quality (half-tone) Fig(s) _____ 3. TYPE OF PAPER. 37 CFR 1.84(c) Paper not flexible, strong, white, and durable. Fig(s) _____ Estimates, alterations, overprintings, modifications, folds, copy machine marks not accepted. Fig(s) _____ Metric, vellum paper is not acceptable (two thick). Fig(s) _____ 4. SIZE OF PAPER. 37 CFR 1.84(d). Acceptable sizes: 21.0 cm by 29.7 cm (8 1/2 inch by 11 inches) 21.6 cm by 27.9 cm (8 5/8 inch by 11 inches) All drawing sheets not the same size. Sheet(s) _____ Drawings shall not be unacceptable size. Fig(s) _____ 5. MARGINS. 37 CFR 1.84(g). Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: All Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11 Margins not acceptable. Fig(s) <u>12</u> Top (T) _____ Left (L) _____ Right (R) _____ Bottom (B) _____ 6. VIEWS. 37 CFR 1.84(h) REMARKS: Specifications may require revision to correspond to drawing changes. Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Views not labeled separately or properly. Fig(s) _____ [Enlarged view not labeled separately] or properly. Fig(s) _____ 7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3) Hatching not indicated for sectional portions of an object. Fig(s) _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p> | <p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i) Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____ SCALE. 37 CFR 1.84(j) Scale the size enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____ 9. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(k) Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) _____ 10. SHADING. 37 CFR 1.84(m) Solid black areas pale. Fig(s) _____ Solid black shading not permitted. Fig(s) _____ Shade lines, pale, rough and blurred. Fig(s) _____ 11. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(n) Numbers and reference characters not plain and legible. Fig(s) _____ Figures legends or notes. Fig(s) _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(n)(1) Fig(s) _____ English alphabet not used. 37 CFR 1.84(n)(2) Fig(s) _____ Number letters and reference characters must be at least 3/32 cm (1/8 inch) in height. 37 CFR 1.84(n)(3) Fig(s) _____ 12. LEAD LINES. 37 CFR 1.84(o) Lead lines cross each other. Fig(s) _____ Lead lines missing. Fig(s) _____ 13. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(p) Sheets not numbered consecutively, and in Arabic numerals, beginning with number 1. Sheet(s) _____ 14. NUMBERING OF VIEWS. 37 CFR 1.84(q) Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____ 15. CORRECTIONS. 37 CFR 1.84(r) Corrections not made from prior PTO 948 filed _____ 16. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown is not appropriate. Fig(s) _____ Solid black shading not used for color contrast. Fig(s) _____</p> |
| <p>COMMENTS</p> | |

REVIEWER

J. C. HAYSE

DATE 7-1-02

TELEPHONE NO. 202-505-6630

ATTACHMENT TO PAPER NO. 10